

Amendments to the Claims

This listing of claims will replace all prior versions, and listings, of claims in the application:

Listing of Claims:

1. (Currently Amended) Set of motor-driven instruments to aid the fixing of dental implants that comprise a series of atraumatic bone osteotomes of progressive diameters, with these motor-driven osteotomes designed for their assembly to motor-driven or manual-drive connectors, characterised in that:

- the osteotomes (4A, 4B, 4C, 4D) have an apical end (10) followed by a threaded conical section (9) and a threaded cylindrical section (8), with the threaded cylindrical section capped by an adjustment area (7) in which the connectors are assembled (14, 17),

- the set of instruments comprises ~~a very narrow, quadrangular-section starter drill (1), comprising a quadrangular-section end (22) that is shorter in length and~~ smaller in section than the osteotomes, comprising an end (6) for its connection to a surgical motor,

- the set of instruments comprises at least two drills (2, 3) of different diameters that comprise ends for connection to a surgical motor, and which is used alternately with the osteotomes

- the set of instruments includes connectors (14, 16) for the motor-driven or manual-drive operation of the osteotomes.

2. (Original) Set of motor-driven instruments to aid the fixing of dental implants according to claim 1, wherein the adjustment area (7) of the osteotomes comprises a polygonal-section projection (13), preferably hexagonal, which is capped by a cylindrical projecting section that creates a circular recess in which an O-ring seal (11) is housed.

3. (Original) Set of motor-driven instruments to aid the fixing of dental implants according to claim 1, wherein the connectors (14, 17) present an end comprising a blind axial recess (12) with a polygonal section, preferably hexagonal, in which is housed the polygonal section (13) of the osteotomes incorporating the O-ring seal (11) that retains the connectors.

4. (Previously Presented) Set of motor-driven instruments to aid the fixing of dental implants according to claim 1, wherein the connector (14) possesses motor functions and comprises an extension (6) for its connection to a surgical motor.

5. (Previously Presented) Set of motor-driven instruments to aid the fixing of dental implants according to claim 1, wherein the connector (17) possesses extractor

functions and comprises a coupling area (15) for connection to a ratchet wrench.

6. (Previously Presented) Procedure to facilitate the fixing of dental implants wherein during said fixing process the set of motor-driven instruments according to claim 5 is used.

7. (Previously Presented) Set of motor-driven instruments to aid the fixing of dental implants according to claim 3, wherein the connector (14) possesses motor functions and comprises an extension (6) for its connection to a surgical motor.

8. (Previously Presented) Set of motor-driven instruments to aid the fixing of dental implants according to claim 3, wherein the connector (17) possesses extractor functions and comprises a coupling area (15) for connection to a ratchet wrench.

9. (Previously Presented) Procedure to facilitate the fixing of dental implants wherein during said fixing process the set of motor-driven instruments according to claim 1 is used.

10. (New) Osteotome (4A, 4B, 4C, 4D) applicable in techniques that modify the bone structure in a suitable way before receiving a dental implant, wherein the osteotome comprises an apical end (10) followed by a threaded conical

sention (9) and a threaded cylindrical section (8), said threaded conical section being finished by an adjustment area (7) to which a manually-driven or motor-driven connector (14, 17) can be connected.

11. (New) Osteotome (4A, 4B, 4C, 4D), according to claim 10, wherein the adjustment area (7) comprises a polygonal projection (13) which is capped by a cylindrical projection that creates a circular recess in which an O-ring seal (11) is housed.

12. (New) Osteotome (4A, 4B, 4C, 4D), according to claim 11, wherein the poligonal projection (13) is hexagonal.

13. (New) Connector (14, 17), to be connected to an osteotome (4A, 4B, 4C, 4D) according to claim 10, so to allow the manual or motorised driving of said osteotome (4A, 4B, 4C, 4D), wherein the connector (14, 17) comprises one end provided with a blind axial recess (12) with a polygonal section to receive the polygonal projection (13) of the osteotome (4A, 4B, 4C, 4D).

14. (New) Connector (14, 17), according to claim 13, wherein the blind axial recess (12) has a hexagonal section.

15. (New) Connector (14, 17), according to claim 13, comprising an end (6) for its connection to a surgical motor.

16. (New) Connector (14, 17), according to claim 13, comprising a coupling area (15) for connection to a ratchet wrench.

17. (New) Starter drill (1), provided with an end (22) to act on a patient's bone and another end (6) to be driven by a surgical motor, where end (22) is narrow and has a quadrangular section, to allow the starter drill (1) to pierce the hardest outer layer of the bone.